# Treatment Admissions for Primary Opiates in Kentucky: 2001-2007.

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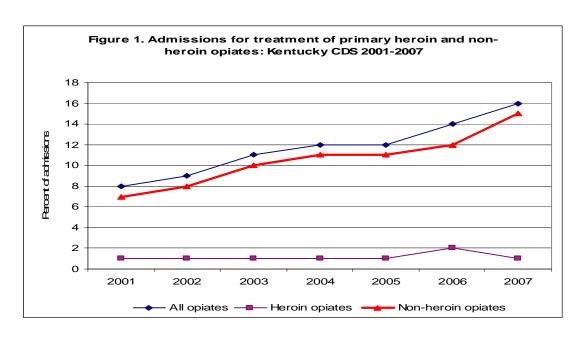
#### In Brief

- Admissions for primary abuse of opiates made up 10% in 2001 and 16% in 2007 and they were the third admissions after alcohol and marijuana in 2007.
- Non-heroin opiate admissions were likely to increase steadily from 7% to 15%, while heroin opiate admissions were likely to remain unchanged at about 1% from 2001 to 2007.
- Average age at admissions was likely to be somewhat older for heroin opiate admissions than non-heroin admissions (32.3 vs. 31.1 years old in 2001; 30.4 vs. 29.5 years old in 2007).
- Non-heroin opiate admissions were more likely than heroin admissions to have the first time treatment (55% vs. 44% in 2001 and 66% vs. 48% in 2007).

This report examines differences between characteristics of primary admissions of heroin opiates and non-heroin opiates in Client Data Sets (CDS)<sup>1</sup> for fiscal years from 2001 to 2007.

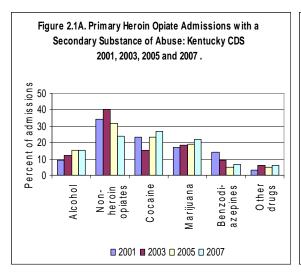
## Primary Heroin and Non-Heroin Opiates<sup>2</sup>

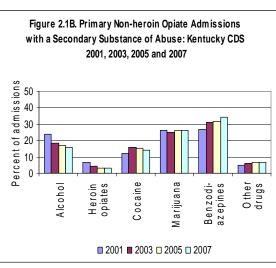
Admissions of primary opiates were the third proportions after admissions of alcohol and marijuana in 2007. Primary opiate admissions made up 10% in 2001 and 16% in 2007. Among opiate admissions, admissions for primary heroin opiates (about 1 percent) remained unchanged; whereas, admissions for primary non-heroin opiates steadily increased from 7 percent to 15 percent for the same time-year period (Fig. 1 and Table 1A and 1B in Appendix).



## **Secondary Substance of Abuse<sup>3</sup>**

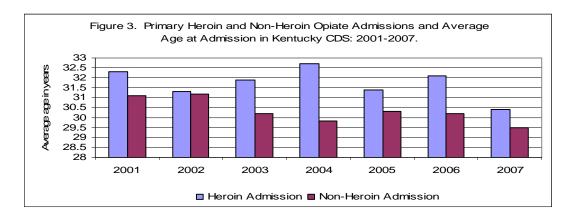
Between 2001 and 2007, among admissions reporting a secondary substance of abuse<sup>2</sup>, heroin opiate admissions were less likely than non-heroin admissions to report alcohol as the secondary substance (9% vs. 24% and 15% vs. 16%), marijuana (17% vs. 26% and 22% vs. 26%) and benzodiazepines (14% vs. 27% and 7% vs. 34%); in contrast, heroin opiate admissions were more likely than non-heroin opiate admissions to report cocaine as the secondary substance (23% vs. 12% in 2001; 27% vs. 14% in 2007) (Fig. 2.1A, 2.1B and Table 2 in Appendix).



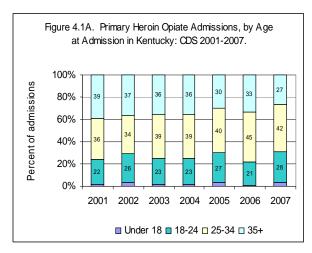


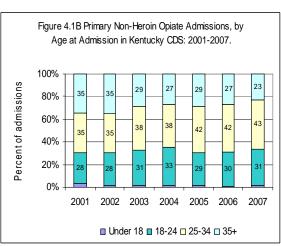
### **Demographic Characteristics**

There were little differences between heroin admissions and non-heroin opiate admission among males (54% vs. 55% in 2001 and 46% vs. 53% in 2007) and among females (46% vs. 45% in 2001 and 55% vs. 47% in 2007) (Table 3.1 in Appendix). Non-heroin opiate admissions were more likely to be White (93% vs. 98% in 2001; 94% vs. 98% in 2007), and correspondingly less likely to be Black (6% vs. 1% in 2001 and 5% vs. 1% in 2007) than heroin opiate admissions (Table 3.2 in Appendix). Heroin admissions were likely to be slightly older, on average, than non-heroin admissions (32.3 vs. 31.1 years old in 2001; 30.4 vs. 29.5 years old in 2007) (Fig. 3 and Table 3.3 in Appendix).



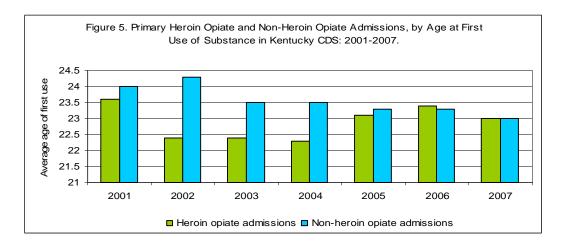
Non-heroin opiate admissions were likely than heroin admissions to be 18 to 24 years old (29% vs. 27% in 2001; 31% vs. 28% in 2007). The largest proportions of admissions for both non-heroin opiates and heroin opiates were likely to be clients aged from 25 to 34; however, they were likely to be little differences between non-heroin opiate admissions and heroin opiate admissions (29% vs. 27% in 2001 and 43% vs. 42% in 2007) (Fig. 4.1A, 4.1B and Table 3.3 in Appendix).



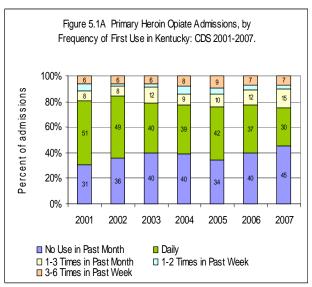


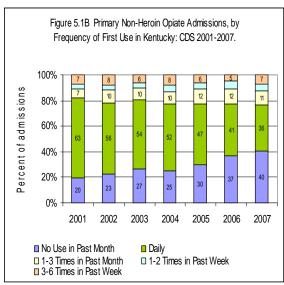
#### **Usage of Substances**

Heroin opiate admissions were, on average, younger than non-heroin opiate admissions at the time of their first use of the drugs between 2001 and 2005 (23.6 vs. 24.0 years old in 2001; 23.1 vs. 23.5 years old in 2005); such admissions were about as likely to be as young as non-heroin opiate admissions between 2006 and 2007 (23.4 vs. 23.3 years old in 2006; 23 vs. 23 years old in 2007) (Fig. 5 and Table 4.3 in Appendix).



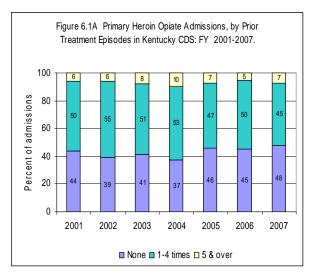
Non-heroin opiate admissions were more likely to have more daily use than heroin admissions (63% vs. 51% in 2001; 36% vs. 30% in 2007); however, such admissions were, reversely, more likely not to have used drugs in the past month than heroin admissions (20% vs. 31% in 2001; 45% vs. 40% in 2007) (Fig. 5.1A-5.1B and Table 4.2 in Appendix).

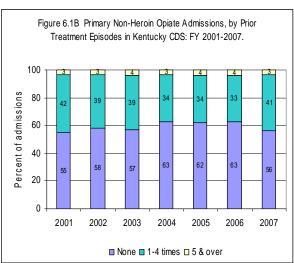




#### **Prior Treatments**

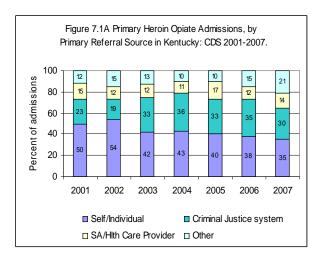
Heroin opiate admissions were less likely to have the first time treatment (44% vs. 55% in 2001; 48% vs. 56% in 2007), or to have between one and four previous treatments (50% vs. 42% in 2001; 45% vs. 41% in 2007), or to have an extensive history of prior treatments of five and more times (6% vs. 3% in 2001; 7% vs. 3% in 2007) than non-heroin opiate admissions (Fig. 6.1A, 6.1B and Table 4.1 in Appendix).

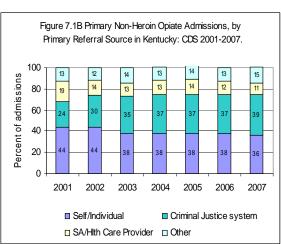




Source of Referral Non-

heroin opiate admissions were less likely to be referred to treatment by themselves (self/individuals) than heroin opiate admissions (44% vs. 50%) in 2001 and about as likely equally at 35% as heroin opiate admissions in 2007. Heroin opiate admissions were less likely to be referred to treatment through the criminal justice system (23% vs. 24% in 2001; 30% vs. 39% in 2007) than non-heroin opiate admissions (Fig. 7.1A-7.1B and Table 4.4 in Appendix).





#### Notes:

<sup>1</sup>This report is based on data selected from the Kentucky Client Data Set (CDS) from 2001-2007, collected from 14 Community Mental Health Centers in Kentucky and maintained by the University of Kentucky's Research and Data Management Center (UK-RDMC).

<sup>2</sup>The Primary substance of abuse is the main substance reported at the time of admission. Heroin opiates include heroin/morphine; non-heroin opiates include codeine, d-Propoxyphene, Oxycodone, Meperidine, Hydropmorphone, other Narcotic Analgesics, and Pentazocine.

<sup>3</sup>Secondary substances are other substances of abuse also reported at the time of admission.

<sup>4</sup>Other drugs includes tranquilizers, sedatives/hypnotics, hallucinogens, PCP, inhalants, the over-the-counter drugs, and other.

APPENDIX Table 1A 1

Treatment Admissions, by Primary Substances of Abuse in Kentucky: CDS, Fiscal Years 2001-2007\*. Number and Percent Distribution.

Admissions of	Fi scal Year							
Primary Substances of Abuse**	2001	2002	2003	2004	2005	2006	2007	
TOTAL ADMISSIONS			18, 491	18, 824	17, 507	18, 375	15, 813	
Al cohol	57. 2	53. 9	50. 3	48. 2	45. 0	42. 6	42. 1	
Opi ates	8. 0	9. 2	10. 5	11. 8	12. 3	13. 6	16. 3	
Cocai ne	10. 4	9. 8	11. 8	12. 9	14. 1	14. 1	11. 9	
Marijuana	18. 9	20. 2	20. 0	19. 0	19. 7	20. 0	19. 2	
Sti mul ants	2. 1	2. 8	3. 6	4. 5	5. 2	6. 0	5. 8	
Other drugs	3. 5	4. 0	3. 7	3. 6	3. 6	3. 8	4. 7	

<sup>\*</sup>SOURCE: The Client Data Set, Fiscal years 2001-2007.

<sup>\*\*</sup>Total admissions did not include none/unknown substances of abuse.

Table 1B 2

Admissions of Primary Heroin Opiates and Non-Heroin Opiates in Kentucky CDS: Fiscal Years 2001-2007\*. Number and Percent.

Fi scal years	All admis- sions**	0pi at  Num.	tes  Pct	Heroi opi at  Num.	es 	Non-heropi ates	
2001	17, 648	1, 403	7. 9	186	1. 1	1, 217	6. 9
2002	18, 023	1, 664	9. 2	169	0. 9	1, 495	8. 3
2003	18, 491	1, 950	10. 5	199	1. 1	1, 751	9. 5
2004	18, 824	2, 218	11. 8	213	1. 1	2, 005	10. 7
2005	17, 507	2, 157	12. 3	218	1. 2	1, 939	11. 1
2006	18, 377	2, 493	13. 6	274	1. 5	2, 219	12. 1
2007	15, 813	2, 578	16. 3	224	1. 4	2, 354	14. 9

<sup>\*</sup>SOURCE: from Kentucky Client Data Set, Fiscal years 2001-2007.

<sup>\*\*</sup>Total admissions did not include none/unknown substances of abuse. Heroin opiates include heroin/morphine. Non-heroin opiates include methadone, codeine, d-Propoxyphene, Oxycodone, Meperidine, Hydromorphone, Pentazocine, and other Narcotic Analgesics (including opium and anyother drug with morphine like effects.)

Table 2

3

Primary Heroin Opiate and Non-Heroin Opiate Admissions with Co-Abuse of a Secondary Substance in Kentucky CDS: Fiscal Years 2001-2007\*.

Number and Percent Distribution.

	Fi scal Year						
Admissions of primary opiates**	2001		2003	2004	2005	2006	2007
OPI ATE ADMI SSI ONS	1, 403	1, 664	1, 950	2, 218	2, 157	2, 493	2, 578
Heroin opiates	13. 3	10. 2	10. 2	9. 6	10. 1	11. 0	8. 7
Non-heroin opiates	86. 7	89. 8	89. 8	90. 4	89. 9	89. 0	91. 3
Heroin opiates							
onl y	17. 2	13. 0	14. 1	13. 6	19. 3	22. 6	24. 6
Heroin opiates with							
secondary substances	82. 8	87. 0	85. 9	86. 4	80. 7	77. 4	75. 4
Al cohol	9. 1	10. 9	12. 3	9. 8	15. 3	16. 5	15. 4
Non-heroin opiates	33. 8	44. 9	39. 8	34. 8	31.8	33. 0	23. 7
Cocai ne/crack	23. 4	17. 7	14. 6	22. 8	23. 3	24. 1	26. 6
Marij uana	16. 9	17. 0	18. 1	20. 7	19. 3	15. 6	21. 9
Benzodi azepi nes	14. 3	6. 1	8. 8	7. 6	5. 1	6. 1	6. 5
Other drugs	2. 6	3. 4	6. 4	4. 3	5. 1	4. 7	5. 9
Non-heroin opiates							
onl y	36. 4	37. 4	36. 7	35. 8	36. 9	38. 8	37. 3
Non-heroin opiates with							
secondary substances	63. 6	62. 6	63. 3	64. 2	63. 1	61. 2	62. 7
Al cohol	23. 8	18. 2	17. 5	16. 8	17. 1	17. 9	16. 2
Heroin opiates	7. 0	5. 7	4. 2	5. 0	3. 2	4. 6	3. 3
Cocai ne/crack	11. 9	13. 4	15. 6	13. 9	15. 0	14. 1	13. 7
Marij uana	25. 7	24. 5	25. 2	27. 6	26. 0	26. 2	26. 0
Benzodi azepi nes	26. 5	32. 7	31. 0	31. 7	31. 9	31. 1	34. 0
Other drugs	5. 2	5. 7	6. 4	5. 0	6. 8	6. 2	6. 8

<sup>\*</sup>SOURCE: from Kentucky Client Data Set, Fiscal years 2001-2007.

<sup>\*\*</sup>Total admissions did not include none/unknown substances of abuse. Heroin opiates include heroin/morphine. Non-heroin opiates include methadone, codeine, d-Propoxyphene, Oxycodone, Meperidine, Hydromorphone, Pentazocine, and other Narcotic Analgesics (including opium and anyother drug with morphine like effects.)

Table 3.1 4

Admissions of Primary Opiates, Heroin Opiates and Non-Heroin Opiates, by Gender in Kentucky CDS: FY  $2001-2007^*$ . Number and Percent Distribution.

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Fi scal Year and Pri mary Admi ssi ons**  Male Female Total  2001  Opi ates 54.6 45.4 1, 402  Heroin Opi ates 54.6 45.4 1, 216  Non-Heroin Opi ates 54.6 45.4 1, 216  2002  Opi ates 53.1 46.9 1, 664  Heroin Opi ates 53.8 46.2 169  Non-Heroin Opi ates 53.0 47.0 1, 495  2003  Opi ates 52.9 47.1 1, 950  Heroin Opi ates 53.8 46.2 199  Non-Heroin Opi ates 53.8 46.2 199  Non-Heroin Opi ates 53.8 46.2 199  Non-Heroin Opi ates 53.8 46.2 199
2001 Opi ates 54.6 45.4 1,402 Heroin Opi ates 54.6 45.4 1,216 Non-Heroin Opi ates 54.6 45.4 1,216  2002 Opi ates 53.1 46.9 1,664 Heroin Opi ates 53.8 46.2 169 Non-Heroin Opi ates 53.0 47.0 1,495  2003 Opi ates 52.9 47.1 1,950 Heroin Opi ates 53.8 46.2 199 Non-Heroin Opi ates 53.8 46.2 199 Non-Heroin Opi ates 53.8 46.2 199 Non-Heroin Opi ates 53.8 46.2 199
Opi ates       54. 6       45. 4       1, 402         Heroin Opi ates       54. 3       45. 7       186         Non-Heroin Opi ates       54. 6       45. 4       1, 216         2002       2002       2003 <td< td=""></td<>
Heroin Opi ates 54. 3 45. 7 186 Non-Heroin Opi ates 54. 6 45. 4 1, 216  2002 Opi ates 53. 1 46. 9 1, 664 Heroin Opi ates 53. 8 46. 2 169 Non-Heroin Opi ates 53. 0 47. 0 1, 495  2003 Opi ates 52. 9 47. 1 1, 950 Heroin Opi ates 53. 8 46. 2 199 Non-Heroin Opi ates 52. 8 47. 2 1, 751
Non-Heroin Opiates       54.6       45.4       1,216         2002
2002 Opi ates 53. 1 46. 9 1, 664 Heroin Opi ates 53. 8 46. 2 169 Non-Heroin Opi ates 53. 0 47. 0 1, 495  2003 Opi ates 52. 9 47. 1 1, 950 Heroin Opi ates 53. 8 46. 2 199 Non-Heroin Opi ates 52. 8 47. 2 1, 751
Opi ates       53. 1       46. 9       1,664         Heroin Opi ates       53. 8       46. 2       169         Non-Heroin Opi ates       53. 0       47. 0       1,495         2003       2
Heroin Opiates 53.8 46.2 169 Non-Heroin Opiates 53.0 47.0 1,495  2003 Opiates 52.9 47.1 1,950 Heroin Opiates 53.8 46.2 199 Non-Heroin Opiates 52.8 47.2 1,751
Non-Heroin Opiates       53.0       47.0       1,495         2003       3       3       47.1       1,950         Opiates       52.9       47.1       1,950         Heroin Opiates       53.8       46.2       199         Non-Heroin Opiates       52.8       47.2       1,751
2003 Opi ates 52.9 47.1 1,950 Heroin Opi ates 53.8 46.2 199 Non-Heroin Opi ates 52.8 47.2 1,751
Opi ates       52.9       47.1       1,950         Heroin Opi ates       53.8       46.2       199         Non-Heroin Opi ates       52.8       47.2       1,751
Opi ates       52.9       47.1       1,950         Heroin Opi ates       53.8       46.2       199         Non-Heroin Opi ates       52.8       47.2       1,751
Heroin Opiates       53.8       46.2       199         Non-Heroin Opiates       52.8       47.2       1,751
Non-Heroin Opiates 52.8 47.2 1,751
2004
0pi ates 52. 6 47. 4 2, 212
Heroin Opiates 54. 0 46. 0 213
Non-Heroin Opiates 52. 4 47. 6 1,999
0007
2005
Opi ates       52. 5       47. 5       2, 145         Heroin Opi ates       56. 0       44. 0       218
r
Non-Heroin Opiates 52.2 47.8 1,927
2006
0pi ates 51. 4 48. 6 2, 490
Heroin Opiates 49.3 50.7 274
Non-Heroin Opiates 51.6 48.4 2,216
2007
0pi ates 52.8 47.2 2,578
Heroin Opiates 45. 5 54. 5 224
Non-Heroin Opiates 53.4 46.6 2,354

<sup>\*</sup>Sources: Data computed from Client Data Set, fiscal years 2001-2007.

<sup>\*\*</sup>Total admission did not include unknown gender.

Tabl e 3. 2 5

Admissions of Primary Opiates, Heroin Opiates and Non-Heroin Opiates, by Race/Ethnicity in Kentucky CDS: Fiscal Years 2001-2007\*. Number and Percent Distribution.

\_\_\_\_\_\_ Race/ethni ci ty Fiscal Year White Pri mary Admi ssi ons\*\* 0ther Bl ack 2001 Opi ates 97.8 1.6 0.6 1, 402 Heroin Opiates 93.0 6. 5 0.5 186 98. 5 Non-Heroin Opiates 0.9 0.6 1, 216 2002 Opi ates 98. 1 1.4 0.5 1,666 Heroin Opiates 94. 2 4. 1 1. 7 172 Non-Heroin Opiates 98. 6 1. 1 0.3 1, 494 2003 Opi ates 98. 2 1. 2 0.6 1, 953 Heroin Opiates 98. 0 2.0 0.0 199 Non-Heroin Opiates 98. 2 1. 1 0.6 1, 754 2004 97. 7 1.4 1.0 2, 196 Opi ates Heroin Opiates 92. 5 3.8 3.8 212 Non-Heroin Opiates 98. 2 1. 1 0.7 1,984 2005 Opi ates 98.0 1. 2 0.8 2, 111 Heroin Opiates 89.0 7.8 3. 2 218 Non-Heroin Opiates 99.0 0.4 0.5 1,893 2006 Opi ates 98.0 1.4 0.5 2, 456 Heroin Opiates 93. 4 4.8 1.8 272 Non-Heroin Opiates 98. 6 1.0 0.4 2, 184 2007 Opi ates 98. 1 1. 1 0.7 2, 524 Heroin Opiates 94.0 5. 1 0.9 215 Non-Heroin Opiates 98. 5 0.8 0.7 2, 309

Other race/ethnicity included Hispanics and other races (including American Indian, Asian, Alaskan Native, and Native Hawaiin or Pacific Islander).

<sup>\*</sup>Sources: Data computed from Client Data Set, fiscal years 2001-2007.

<sup>\*\*</sup>Total admission did not include unknown race/ethnicity.

Table 3.3

Admissions of Primary Opiates, Heroin Opiates and Non-Heroin Opiates, by Age at Admission in Kentucky CDS: Fiscal Years 2001-2007\*. Number and Percent Distribution and Average Age (in Years) at Admission.

D. I.V.	Age at Admission					
Fiscal Year Primary Admissions**					Avg.	
	12-17	18-24	20-34	35 +	age	
2001						
0pi ates	2. 7	27. 1	34. 7	35. 5	31.3	
Heroin Opiates	2. 2	22. 0	36. 0	39. 8	32. 3	
Non-Heroin Opiates	2. 8	27. 8	34. 5	34. 9	31. 1	
2002						
Opi ates	2. 2	27. 7	34. 5	35. 6	31. 2	
Heroin Opiates	2. 5	26. 1	34. 4	36. 9	31. 3	
Non-Heroin Opiates	2. 1	27. 9	34. 5	35. 5	31. 2	
2003						
0pi ates	2. 1	30. 2	38. 0	29. 7	30. 4	
Heroin Opiates	1. 5	23. 1	39. 0	36. 4	31. 9	
Non-Heroin Opiates	2. 1	31. 0	37. 9	28. 9	30. 2	
2004						
0pi ates	1. 6	32. 2	38. 3	27. 8	30. 1	
Heroin Opiates	1. 9	22. 5	38. 5	37. 1	32. 7	
Non-Heroin Opiates	1. 6	33. 3	38. 3	26. 8	29. 8	
2005						
0pi ates	1. 6	28. 4	41. 5	28. 5	30. 4	
Heroin Opiates	2. 8	26. 6	39. 9	30. 7	31. 5	
Non-Heroin Opiates	1. 5	28. 6	41. 6	28. 3	30. 3	
2006						
Opi ates	1. 3	28. 5	42.8	27. 3	30. 4	
Heroin Opiates	0. 4	20. 9	45. 1	33. 7	32. 1	
Non-Heroin Opiates	1. 5	29. 5	42. 5	26. 5	30. 1	
2007						
0pi ates	2. 3	30. 7	43. 2	23. 8	29. 6	
Heroin Opiates	2. 7	28. 3	42. 0	26. 9	30. 4	
Non-Heroin Opiates	2. 3	30. 9	43. 4	23. 5	29. 5	

<sup>\*</sup>Sources: Data computed from Client Data Set, fiscal years 2001-2007.

<sup>\*\*</sup>Total admissions did not include unknown/invalid age.

Table 4.1 7

Admissions of Primary Opiates, Heroin Opiates and Non-Heroin Opiates, by Number of Prior Treatment Episodes in Kentucky CDS: FY 2001-2007\*.

Number and Percent Distribution.

Ei gool Voon	Number of Prior Treatments				
Fiscal Year and Primary		1-4			
Admi ssi ons**	None	times		Total	
2001					
Opi ates	53. 7	43. 0	3. 3	1, 340	
Heroin Opiates	43. 8	50. 0	6. 2	178	
Non-Heroin Opiates	55. 2	41. 9	2. 8	1, 162	
2002					
Opi ates	56. 1	40. 9	3. 0	1, 610	
Heroin Opiates	39. 1	54. 6	6. 2	161	
Non-Heroin Opiates	58. 0		2. 6		
1				,	
2003					
Opi ates	55. 7	39. 8	4. 5	1, 917	
Heroin Opiates	40. 9	50. 5	8. 6	198	
Non-Heroin Opiates	57. 4	38. 5	4. 0	1, 719	
2004					
0pi ates	60. 5	35. 6	4. 0	2, 215	
Heroin Opiates	36. 6			213	
Non-Heroin Opiates	63. 0	33. 8	3. 2	2, 002	
2005					
Opi at es	60. 5	35. 7	3. 8	2, 152	
Heroin Opiates		47. 4	6. 5	215	
Non-Heroin Opiates	62. 1	34. 5	3. 5	1, 937	
2006					
0pi ates	61. 1	35. 2	3. 7	2, 489	
Heroin Opiates	44. 7	49. 8	5. 5	273	
Non-Heroin Opiates	63. 2	33. 4	3. 4	2, 216	
0007					
2007	FF ~	41.0	0.0	0 570	
Opi ates	55. 7	41. 6	2. 8	2, 573	
Heroin Opiates	48. 4	45. 3	6. 3	223	
Non-Heroin Opiates	56. 3	41. 2	2. 5	2, 350	

<sup>\*</sup>Sources: Data computed from Client Data Set, fiscal years 2001-2007.

 $<sup>\</sup>ensuremath{^{**}}\textsc{Total}$  admissions did not include unknown number of prior treatment episodes.

Tabl e 4. 2

8

Admissions of Primary Opiates, Heroin Opiates and Non-Heroin Opiates, by Frequency of First Use of Substances in Kentucky CDS: FY 2001-2007\*. Number and Percent Distribution.

Frequency of First Fse of Substances \_\_\_\_\_\_ No use 1-3 1-2 3-6 Fiscal Year i n i n i n i n and Primary past past past past Dai l y Admi ssi ons\*\* month month week week use 2001 7.4 3.8 Opi ates 20. 9 6.6 61.3 Heroin Opiates 30. 5 7.9 5.5 50.6 5. 5 Non-Heroin Opiates 62.9 19. 5 7.3 3. 5 6.8 2002 24. 0 9. 5 3.4 Opi at es 7.7 55.5 Heroin Opiates 35. 5 7.7 1.9 5.8 49.0 Non-Heroin Opiates 22.7 9. 7 3.6 7.9 56.2 2003 Opi ates 28. 1 10.0 4.0 5. 7 52.2 39. 7 2.6 39.7 Heroin Opiates 12. 4 5. 7 Non-Heroin Opiates 26.8 9.8 5. 7 53.5 4.2 2004 Opi ates 26. 7 9.8 4.9 7. 9 50.8 39. 6 5.7 7. 5 38.7 Heroin Opiates 8. 5 Non-Heroin Opiates 25. 3 9.9 4.8 8.0 52. 1 2005 Opi ates 30. 5 11.5 5. 1 6. 5 46.4 5. 1 Heroin Opiates 33. 5 10. 2 9.3 41.9 Non-Heroin Opiates 30. 1 11.6 5. 1 47.0 6. 2 2006 Opi ates 37. 5 5.3 5.6 11.5 40. 1 Heroin Opiates 39.8 11.7 4.0 7.3 37. 2 Non-Heroin Opiates 37. 2 11.5 5. 5 5.4 40.5

11.6

14.8

11.3

4.8

3. 1

4.9

7.4

7. 2

7.4

35.7

30.0

36.2

40.5

44.8

40. 1

2007 Opi ates

Heroin Opiates

Non-Heroin Opiates

<sup>\*</sup>Sources: Data computed from Client Data Set, fiscal years 2001-2007.
\*\*Total admissions did not include unknown frequency of first use of substances.

Tabl e 4. 3 9

Heroin Opiate and Non-Heroin Opiate Admissions, by Age at First Use of Substances in Kentucky CDS: Fiscal Years 2001-2007\*. Number and percent and Average Age (in years) at First Use.

Fiscal Year Percent of first use ----and Primary Avg. Admi ssi ons\*\* Under 18 18-24 25-34 Over 35 age 2001 All opiates 23.8 37. 0 27. 5 11.7 23.9 Heroin opiates 27. 9 33. 6 27. 1 11.4 23.6 11.7 Non-heroin opiates 23. 3 37. 4 27. 5 24.0 2002 39. 5 12. 7 All opiates 22. 1 25. 7 24. 1 24. 3 Heroin opiates 27. 2 40.4 8. 1 22.4 Non-heroin opiates 21.6 39. 4 25.8 13. 2 24.3 2003 All opiates 24. 2 39. 5 25. 0 11.3 23.4 Heroin opiates 27.8 44.8 18.6 8.8 22.4 Non-heroin opiates 23.8 38. 9 25.8 11.6 23.5 2004 All opiates 24.6 39. 5 24. 4 11.5 23.4 38. 1 22. 1 8. 3 Heroin opiates 31.5 22.3 39. 6 24.6 Non-heroin opiates 23. 9 11. 9 23. 5 2005 All opiates 23. 7 41.2 24. 2 10.9 23.3 Heroin opiates 21.7 44.8 23. 1 10.5 23. 1 Non-heroin opiates 23.8 40.9 24. 3 11.0 23.3 2006 22.6 42. 2 All opiates 24.8 10. 5 23.3 42.3 29. 4 8. 5 Heroin opiates 19. 9 23.4 Non-heroin opiates 22.9 42. 2 24. 2 10.7 23.3 2007 25. 7 All opiates 41.6 23. 0 9.8 23.0 22. 2 45. 2 24. 9 7. 7 23.0 Heroin opiates Non-heroin opiates 26.0 41.3 22.8 10.0 23.0

<sup>\*</sup>Sources: Client Data Set, Fiscal years 2001-2007.

<sup>\*\*</sup>Total admissions did not include unknown/invalid age.

Tabl e 4. 4

Admissions of Primary Opiates, Heroin Opiates and Non-Heroin Opiates, by Primary Referral Source in Kentucky CDS: Fiscal Years 2001-2007.\* Number and Percent.

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	Primary Referral Source					
Fiscal Year		Cri mi -				
and Primary	i ndi -	nal	Health			
Admi ssi ons**	vi dual	j usti ce	centers	0ther		
2001						
0pi at es	45. 0	24. 3	18. 0	12. 8		
Heroin Opiates	50. 0	23. 4	14. 7	12. 0		
Non-Heroin Opiates	44. 2	24. 4	18. 5	12. 9		
2002						
0pi ates	44. 8	28. 8	14. 1	12. 3		
Heroin Opiates	54. 2	19. 0	11. 9	14. 9		
Non-Heroin Opiates	43. 8	29. 9	14. 4	12. 0		
2003						
Opi ates	38. 1	35. 2	13. 1	13. 6		
Heroin Opiates	42. 2	33. 3	11. 7	12. 8		
Non-Heroin Opiates	37. 6	35. 4	13. 3	13. 7		
2004						
Opi ates	38. 0	36. 6	13. 1	12. 3		
Heroin Opiates	42. 7	36. 2	10. 8	10. 3		
Non-Heroin Opiates	37. 5	36. £	13. 3	12. 5		
Non-herorn opraces	37. 3	30. 0	13. 3	12. 5		
2005						
0pi ates	37. 7	34. 3	13. 9	14. 0		
Heroin Opiates	39. 6	32. 3	17. 5	10. 6		
Non-Heroin Opiates	37. 5	34. 6	13. 5	14. 4		
2006						
0pi ates	38. 2	36. 9	12. 2	12. 7		
Heroin Opiates	38. 1	35. 2	12. 1	14. 7		
Non-Heroin Opiates	38. 2	37. 1	12. 2	12. 5		
2007						
0pi ates	35. 8	37. 9	11. 1	15. 2		
Heroin Opiates	35. 3	29. 5	13. 8	21. 4		
Non-Heroin Opiates	35. 8	38. 7	10. 8	14. 6		
=						

<sup>\*</sup>Sources: Client Data Set, Fiscal years 2001-2007.

<sup>\*\*</sup>Total admissions did not include unknown primary referral sources.